

A Novel Use for Polyethylene Bottles

Polyethylene bottles, including old ones, can be valuable for protecting Dewar flasks from breakage when used as chilling baths for Dry-Ice traps. Such polyethylene bottles are commercially available (e.g., Arthur H. Thomas, Catalog 65, Item No. 2205-A or No. 2205-E¹).

The top of the polyethylene bottle is cut off so that the bottom part can be fitted over the body of the Dry-Ice trap. By selecting the proper sized bottle and trap it is possible to obtain tight, well-fitted arrangements. Dewar flasks in traps protected in this manner are not as apt to be broken from accidental impact or from vibrations.

¹ Mention of brand or firm names does not constitute an endorsement by the Department of Agriculture over others of a similar nature not mentioned.

MICHAEL DYMICKY

EASTERN REGIONAL RESEARCH LABORATORY
AGRICULTURAL RESEARCH SERVICE
PHILADELPHIA, PENNSYLVANIA 19118